

Application No. 10/055743
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Amendment
Attorney Docket No. S63.2B-9964-US01

Amendments To The Claims:

Please cancel claims 1 and 14-25 without prejudice.

1-4. (Canceled)

5. (Currently Amended) The elongated medical device of Claim ~~[[1]]~~ 26 wherein said second tubular member overlaps at least a portion of said first tubular member, and said tie layer is provided in predetermined, discrete locations wherein said first and second tubular members overlap.

6. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said tie layer is provided between said first tubular member and said second tubular member at a lap joint bond between the first and second tubular members.

7. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said tie layer is provided between said first tubular member and said second tubular member at a butt joint bond between the first and second tubular members.

8. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said first tubular member is an inner or an outer catheter shaft, and said second substrate is an inner catheter shaft, an outer catheter shaft, a balloon distal tip or a hypotube.

9. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said first tubular member is an inner catheter shaft, said second tubular member is an inner catheter shaft and said proximal end of said first tubular member is joined to said distal end of said second tubular member by a lap joint or butt joint, and said powder coated tie layer is located between said first tubular member and said second tubular member at said lap joint or butt joint.

10. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said first substrate and said second substrate comprise at least one member selected from the group consisting of polyolefins, polyesters, polyethers, polyurethanes, polyureas, polyamides, nylons, poly(meth)acrylates, polymers of vinyl monomers, copolymers thereof, and mixtures thereof.

11. (Currently Amended) The medical device of Claim ~~[[1]]~~ 26 wherein said first tubular member comprises high density polyethylene, said second tubular member comprises a polyether block amide copolymer.

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12. (Currently Amended) The medical device of Claim ~~[[11]]~~ 26 wherein said tie layer comprises a maleated polyolefin.

13. (Currently Amended) The medical device of Claim ~~[[11]]~~ 26 wherein said tie layer comprises a blend of high density polyethylene and polyether block amide ~~copolymer~~.

14-25. (Canceled)

26. (Previously Presented) An elongated medical device comprising:

- a) a first tubular member formed from polyethylene;
- b) a second tubular formed from a poly(ether-block-amide) copolymer; and
- c) a powder coated tie layer provided between said first tubular member and said second tubular member, said tie layer comprising a blend of melt processible polymers selected from the group consisting of polyethylene, poly(ether-block-amide), and maleated polyolefins.